Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 20 Jun 2023 until 23:59 on Wednesday 21 Jun 2023

Forecast Issued on Monday 19 Jun 2023 at 15:10

Confidence: Extent of rain and showers Tuesday remains Low confidence. But confidence becomes high for increasingly dry conditions Wednesday and Thursday. Confidence reduces Friday and Saturday with uncertain amounts of cloud, but likely turning very warm.

Headline for Tuesday 20 Jun 2023: Cloud thickening as rain spreads north, heavy at times. Clearing late afternoon.

Mountain weather hazards on Tuesday 20 Jun 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Light rain	Heavy Rain	Heavy Rain	Light rain	Sunny intervals	Light rain showers	Partly cloudy (night)
Precipitation probability							
<05%	50%	60%	60%	40%	20%	20%	<05%

Forecast for Tuesday 20 Jun 2023

Weather: Cloud will thicken from the south during the morning, with outbreaks of rain spreading north. These could be heavy at times, and the odd thundery burst cannot be ruled out. Rain clearing through the afternoon, with late sunny spells following. There is the chance of an isolated, heavy and thundery shower.

Chance of cloud-free hill tops above 600m: 90%, falling to 40% during the morning. Lifting again to above 90% by late afternoon.

Low cloud and visibility: Cloud thickening and descending to obscure hills above 500m during the morning. This breaking and clearing north through the afternoon, with cloud remaining largely above the tops by the evening. Views will otherwise be moderate to poor in the rain and heavy showers, but improving to good to very good in drier intervals, and especially during the drier afternoon.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Tuesday 20 Jun 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/9 SE	8/10 SE	10/15 E	8/11 E	12/16 E	9/12 SW	10/14 W	9/14 W	10/14 SW
300	4/6 SE	4/7 NE	5/11 E	5/7 NE	7/11 SE	6/9 SW	8/12 W	7/12 W	7/10 SW
Valley	5/7 E	5/7 E	6/12 E	3/8 E	4/9 SE	5/9 SW	6/12 W	5/11 W	4/9 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/13	14/13	15/13	13/12	14/12	14/13	15/13	13/12	12/10
300	16/16	16/15	16/16	15/14	16/15	17/16	18/16	16/15	14/13
Valley	15/15	15/15	16/16	16/16	16/17	18/18	18/18	15/15	14/13
Freezing Level*	2400m	2300m	2600m	2900m	3100m	2900m	2700m	2600m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A rather cloudy day with outbreaks of rain. Waterproof layers essential. Some afternoon sunny spells could bring Moderate UV with appropriate sun protection recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 19 Jun 2023	15.6mm	18.4mm	18.8mm

Forecast for Wednesday 21 Jun 2023

Weather: Any overnight cloud quickly clearing away to leave a fine day with long sunny periods. Perhaps the odd heavy shower developing, and a rumble or two of thunder cannot be completely ruled out. Winds staying light.

Maximum wind: Westerly 10-15mph

Chance of cloud-free hill tops above 600m: Near 100%, but 80% at first in west.

Low cloud and visibility: Widespread very good to excellent views expected with cloud largely above the hills. Perhaps the odd patch of cloud obscuring tops above 400m on western hills during the morning.

Temperature: **Valleys:** Plus 12 Celsius rising to Plus 22 Celsius
At 600m: Plus 10 Celsius rising to Plus 16 Celsius
Freezing level: Above summits.

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